

PART 1 GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of the Agreement, including General and Supplementary Conditions, and Division 01 of the Project Manual apply to work of this Section.

1.02 SUMMARY

- A. Section Includes:
 - 1. Furnishing and installing all selected Polyurethane Foam Manufactured Trim
 - 2. and Ornament Products, including but not limited to:
 - a. Standing and Running Trim.
 - b. Brackets and Corbels.
 - c. Gable Decoration.
 - d. Louvers.
 - e. Gable Vents.
 - f. Ceiling and Wall Ornamental Trim.
 - g. Door and Window Crossheads.
 - h. Entrance Units

1.03 STANDARDS

- A. ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials; 2018b.
- B. All work of this section shall conform to industry standards and/or manufacturer's recommendations.

1.04 SUBMITTALS

- A. See Section 013300 - SUBMITTALS for Submittal Procedures
- B. See Section 016100 - BASIC PRODUCT REQUIREMENTS.
- C. Product Data: Submit manufacturer's descriptive literature, specifications, installation instructions and limited warranty.
- D. Shop Drawings: Submit shop drawings, showing layout, profiles and product components, including anchorage, accessories, finish colors and textures.
- E. Samples: Submit selection and verification samples for finishes, colors and textures.
- F. Quality Assurance Submittals: Submit the following:
 - 1. Test Reports: Certified test reports showing compliance with specified performance characteristics and physical properties.
 - 2. Manufacturer's Instructions: Manufacturer's installation instructions.
 - 3. Manufacturer's Field Reports: Manufacturer's field reports specified herein.
- G. Closeout Submittals: Submit manufacturer's standard warranty documents.

1.05 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Manufacturer experienced in producing moulded decorative millwork of the types required for this Project. Obtain all moulded decorative millwork from a single manufacturer.

- B. Installer Qualifications: Installer experienced in performing work of this section who has specialized in installation of work similar to that required for this project.

1.06 DELIVERY, STORAGE AND HANDLING

- A. Delivery: Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact.
- B. Storage and Protection: Store materials protected from exposure to harmful weather conditions and at temperature and humidity conditions acceptable to manufacturer.
- C. Temperature Requirements: Maintain air temperature in spaces where products will be installed for time period before, during and after installation within limits recommended by manufacturer.
- D. Field Measurements: Verify actual measurements and openings by field measurements before fabrication. Show recorded measurements on shop drawings. Coordinate field measurements and fabrication schedule with construction progress to avoid construction delays.
- E. Manufacturer's Warranty: Submit, for Owner's acceptance, manufacturer's standard warranty document executed by authorized company official. Manufacturer's warranty is in addition to, and not a limitation of, other rights Owner may have under the Contract Documents.
- F. Warranty Period: Manufacturer's 5 year limited warranty against defects in materials and workmanship. Warranty shall commence on Date of Substantial Completion.

PART 2 - PRODUCTS

2.01 ACCEPTABLE MANUFACTURES

- A. Subject to compliance with requirements, Polyurethane trim and ornaments manufacturer offering products that may be incorporated in work include:
 - 1. Fypon, LLC, 1750 Indian Wood Circle, Maumee, Ohio 43537, Phone: 800-446-3040.
 - 2. or approved equivalent.

2.02 MATERIALS

- A. Manufactured Polyurethane trim and ornaments:
 - 1. Louvers/Gable Vents and Accessories: As indicated on the drawings. Prime coated.
 - 2. Window and Door Trim: As indicated on the drawings. Prime coated.
 - 3. Mouldings and Accessories: As indicated on the drawings. Prime coated.
 - 4. Decorative Millwork: As indicated on the drawings. Prime coated.
 - 5. Installation Kits: As required by the manufacturer for the materials and substrates indicated on the drawings.
- B. Accessory Materials:
 - 1. Fasteners: As recommended by manufacturer, provide corrosive-resistant trim screws or finishing nails. Application using a pneumatic nail gun is acceptable. Application using a staple gun is not acceptable.
 - 2. Adhesive: Use a compatible Polyurethane-based adhesive as recommended by the manufacturer.

2.03 FINISHES

- A. Manufacturer supplied protective barrier coat primer, resistant to UV degradation, providing interim UV protection of products which is suitable for field application of 100% acrylic latex finish paint on all Polyurethane foam products.

PART 3 - EXECUTION

3.01 EXAMINATION:

- A. Site Verification of Conditions:
 - 1. Prior to the start of installation, inspect all preceding work to ensure that there are no conditions which will cause an unsatisfactory installation of work involving Polyurethane foam products.
 - 2. Notify Architect in writing of any unacceptable conditions that would adversely affect installation or subsequent performance of this product.
 - 3. Do not install any work involving Polyurethane foam products until unsatisfactory conditions are corrected and acceptable for proper installation of work.
 - 4. Do not install any work involving Polyurethane foam products until unsatisfactory conditions are corrected and acceptable for proper installation of work.
 - 5. Contractor shall be responsible for correcting or replacing all unacceptable work involving Polyurethane products, which were installed over unsatisfactory conditions at no cost to Owner.

3.02 PREPARATION:

- A. Protect surrounding and adjacent work as required preventing damage to preceding work during execution of this work.
- B. Perform all preparation necessary for a successful installation of products as specified in manufacturer's installation instructions.

3.03 INSTALLATION:

- A. Obtain Manufacturer's instructions for successful installation of work to be performed and become knowledgeable with all material handling and installation recommendations.
- B. Ensure full compliance with Manufacturer's instructions in all aspects of tasks required by this work. Install products in accordance with manufacturer's instructions at locations indicated on the drawings.
- C. Coordinate all work with other project trades to assure proper installation and provide proper accommodations for following work by other trades.

3.04 FIELD QUALITY CONTROL:

- A. After installation, check all work for flaws and defects.
- B. Repair all defective work.
- C. Remove and replace all damaged components that cannot be successfully repaired as determined by Project Architect.

3.05 PROTECTION:

- A. Install temporary protective materials necessary to prevent damage to materials installed in this work until final acceptance of the project.

3.06 CLEANING:

- A. Remove all protection materials.
- B. Clean all surfaces following manufacturer's recommendations prior to final project completion. Do not use harsh cleaning materials or methods that would damage finish.
- C. Dispose properly of all debris generated by this work, protection materials and cleaning materials.

END OF SECTION